# BETTER BUILDINGS BY DESIGN CONFERENCE 2005

February 9 & 10 | Sheraton Conference Center | Burlington, Vermont

The region's premier design and construction conference, featuring interactive learning about building durability, efficiency and value.

**RESIDENTIAL & COMMERCIAL** 

45+ EXHIBITORS | 900+ ATTENDEES | 40+ WORKSHOPS



## **NEW FOR 2005**

- 30% more workshops, featuring renowned experts from across the US and Canada
- More time available for interacting with colleagues and exhibitors
- Special group discounts (see registration page)
- A new "Innovations & High Performance" track
- A special pre-conference workshop for architects, engineers and design/builders
- Increased emphasis on interactive learning



#### **HEAR FROM THE EXPERTS**

Find out what works, what doesn't, and what you can put into practice immediately through the research and experience of nationally and locally recognized leaders in the field.

#### **PRESENTERS INCLUDE:**

Joseph Lstiburek, Ph.D., P.Eng., Principal, Building Science Corporation
Dr. Lstiburek is a forensic engineer who investigates building failures and
is internationally recognized as an authority on moisture-related building
problems and indoor air quality. An acclaimed lecturer, he is the author of
numerous books and technical papers on building construction.

#### Naomi Miller, FIES, IALD, LC, Naomi Miller Lighting Design

Ms. Miller is an experienced lighting designer with special interests in lighting quality, human factors, and energy efficiency. She has earned more than 25 awards for office, industrial, residential, hospitality, health-care, institutional, and outdoor architectural lighting.

#### **Steven Strong, President, Solar Design Associates**

Mr. Strong is widely regarded as the pre-eminent authority on integration of renewable energy systems—especially solar electricity—in buildings in North America. His work over the past 25 years includes the world's first photovoltaic (PV) powered neighborhood and the world's largest rooftop PV power system. He is the author of several books, including *The Solar Electric House*. Mr. Strong was named TIME magazine's environmental "Hero for the Planet" in 1999.

#### STRENGTHEN YOUR COMPETITIVE EDGE

Learn the latest techniques and technologies for superior building performance, energy efficiency and indoor air quality. Choose from more than 40 presentations in four different learning tracks.

#### MAKE KEY CONTACTS

Network with the region's top design and construction professionals who share your commitment to quality construction, energy efficiency, aesthetic integrity, occupant health and environmental stewardship.

# SEE THE LATEST PRODUCTS AND SERVICES

Talk with more than 45 exhibitors displaying the latest residential and commercial building products and services. Visit www.efficiencyvermont.com for a current listing of conference exhibitors.

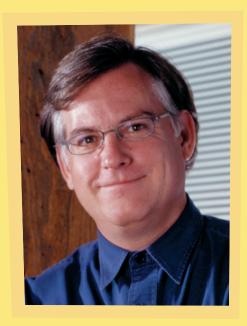
#### KNOW THE CODE

Learn how to incorporate design features that meet the Vermont Residential Energy Code and the 2001 Vermont Guidelines for Energy-Efficient Commercial Construction. Look for EC and CG symbols on the workshop descriptions for information on these topics.

#### **EARN EDUCATION CREDITS**

Attend our Better Buildings by Design workshops to earn continuing education credits from the American Institute of Architects, the Association of Energy Engineers and the Building Performance Institute.





**Bert Gregory, AIA**Keynote Speaker

#### **EVENING RECEPTION**

Gather in the exhibit hall for an evening of live music by Burlington's beloved jazz vocalist Jenni Johnson. Enjoy complimentary hearty refreshments, a cash bar and more. Connect with other design and construction professionals at this popular event. Your colleagues, clients, subcontractors and others who are unable to attend the full conference are invited to attend the reception. Call 1-877-248-9900 for details.

## **CONFERENCE HIGHLIGHTS**

#### **KEYNOTE ADDRESS**

#### **Making the Business Case for Sustainability**

Bert Gregory, AIA, an award-winning pioneer in sustainable design, will share his perspective on the realities of applying sustainable design concepts to development in the 21st Century. Emphasizing land use issues relevant to Vermont landowners and residents, Mr. Gregory will illustrate how sustainable design and construction practices can make good business sense. He will compare and contrast case study projects that have successfully incorporated practical and cost-effective sustainable alternatives into the design and the building process.

Mr. Gregory is President and CEO of Mithun, a Seattle-based architecture, design and planning firm and a national leader in resource sensitive and environmentally intelligent design. The firm's work is well known and has received numerous awards for projects including its REI Flagship Store in Seattle.

#### **TECHNICAL WORKSHOPS**

Participate in high quality training sessions throughout both days of the conference. Workshops are 90 minutes long, and are held simultaneously in four learning tracks: Building Envelope, Mechanical Systems, Lighting, and Innovations & High Performance. Over 40 workshops will be offered this year—more than ever before!

#### **BEST OF THE BEST**

Make time to browse among inspiring plans, drawings and photos of the award-winning homes and buildings from this year's design competitions. Winning entries will be featured from both the residential ENERGY STAR® home competition and the commercial building design competition.

#### **EXHIBIT HALL TRADE SHOW**

#### **Throughout the Conference**

See the latest innovations in energy-efficient products and services for the design and construction industry. Speak with service providers and manufacturers' representatives about cutting-edge techniques, materials, equipment, and systems for superior building performance, energy efficiency and indoor air quality.

To register, call toll free, 1-877-248-9900, visit www.efficiencyvermont.com, or fax form to 1-802-655-6098.

#### **EVENT SCHEDULE**

Throughout the conference we will present four simultaneous workshop tracks: Building Envelope, Mechanical Systems, Lighting and Innovations & High Performance.

#### **WEDNESDAY, FEBRUARY 9**

7:00 am	Exhibit area	onen for	registration	& breakfast
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8:45 Welcome & Keynote address
10:00 Exhibit area refreshment break

10:20 Workshops

11:50 Exhibit area lunch

1:20 pm Workshops

2:50 Exhibit area refreshment break

3:15 Workshops

4:45–7:00 Exhibit area evening reception

#### THURSDAY, FEBRUARY 10

7:30 am Exhibit area open for registration & breakfast

9:00 Workshops

10:30 Exhibit area refreshment break

11:00 Workshops

12:30 pm Exhibit area lunch

1:45 Workshops

3:15 Workshop area refreshment break

3:30 Workshops

5:00 Conference ends





#### DAY 1 - WEDNESDAY 2/9 - 10:20-11:50

#### **Insulating Steel-Framed Buildings**

John Straube, Ph.D., University of Waterloo

The thermal conductivity of steel presents unique challenges for effective building insulation. With careful design, metal-framed buildings can be efficient and durable. Understand the problems that can hamper the performance of metal buildings in cold climates and get practical approaches to avoid heat loss and moisture related failures.

#### **Effective Strategies for Hydronic Heating**

Henry Gifford, Gifford Fuel Saving, Inc.

Hear important considerations for hydronic heating system design, equipment and controls. Learn real-world do's and don'ts for designing, selecting and maintaining equipment. Mr. Gifford will take the audience on a fast-paced tour of various technologies with his field-tested, common sense point of view. The session focus will be on multifamily buildings, but single-family and light commercial buildings will also be discussed.

#### **Reducing Costs through the Use of Natural Ventilation**

Kevin Hydes, P.E., P.Eng., C.Eng., Keen Engineering Using natural ventilation in the design of commercial buildings decreases both building and operating costs by reducing the size requirements of mechanical systems. Understand why, when and how to incorporate natural ventilation in a cold climate.

#### **Promoting Responsible Outdoor Lighting in Communities**

Bob Crelin, IDA, SCM Design

Excessive outdoor lighting has left many communities lit like prison yards, reducing vision and safety, creating energy waste, and diminishing quality of life. Using real examples and light models, Mr. Crelin will discuss the causes and effects of light pollution, and share his experience updating zoning regulations in his own community and beyond.

#### **Kitchens Illuminated—Key Aspects of Good Lighting**

Peter Romaniello, LC, Conceptual Lighting, LLC

Kitchens often account for the highest lighting use of any room in the home. Learn how to lay out and specify kitchen lighting that is attractive, effective, and energy efficient. This introductory level workshop will discuss design fundamentals and use a full-scale kitchen lighting model to demonstrate characteristics of good lighting design with energy efficient fixtures. This session will be repeated at 9:00 am on Thursday.

#### Photovoltaics in the US and Around the World

Steven Strong, Solar Design Associates, Inc.

Join us for an extensive and compelling "world tour" of photovoltaic (PV) applications, demonstrating projects ranging in scale from individual residences to large commercial projects in a variety of climates. This workshop will offer visual examples and insight on numerous successful PV and solar thermal installations, including the White House!

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#### DAY 1 - WEDNESDAY 2/9 - 1:20-2:50

#### Recognizing and Solving Common Indoor Air Quality Problems

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Terry Brennan, Camroden Associates

Improve your ability to recognize and interpret problem indoor air quality (IAQ) symptoms. Case studies will provide an opportunity to analyze IAQ problems and solutions from a "whole building" perspective. Develop your knowledge of IAQ sources, transfer mechanisms, and exposure from a leading researcher and consultant in the field.

#### Taking Air-Sealing to the Next Level

Bret Hamilton, Efficiency Vermont & Bill Hulstrunk, National Fiber, Inc.
Back by popular demand! Learn innovative and cost effective techniques to stop unwanted air leakage in new and existing homes. See foam and other airsealing materials applied on building section mock-ups, simulating the more difficult air leakage points that can make the difference between a good thermal envelope and a great one.

#### DAY 1 - WEDNESDAY 2/9 - 3:15-4:45

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#### Roofs, Snow & Ice

John Straube, Ph.D., University of Waterloo

Commercial and residential buildings in cold climates, such as Vermont, are often challenged by roof moisture problems including ice-damming, internal frost, and roof rot. Understand and recognize the conditions that create moisture problems, and hear practical strategies for avoiding and repairing these problems in new and existing buildings.

#### **Chiller Plant Design Considerations**

Jon Haviland, Marx/Okubo Associates

Whether designing a chiller plant for a new facility or for a retrofit of an existing plant, various design considerations warrant your attention. Mr. Haviland will highlight several ways to optimize your system and its performance, including variable flow pumping strategies and condenser water cooling techniques.

## Vermont's Residential Energy Code Update: Ventilation and Combustion Air Requirements

David Keefe, Efficiency Vermont

Vermont has adopted changes to the existing Residential Building Energy Standards (RBES), affecting residential construction beginning after December 31, 2004. Major changes include automatic ventilation systems and combustion safety, including air supply for heating and domestic hot water heating systems. Learn how to meet and exceed the new code requirements to provide better overall performance and reliability.

#### **Balanced Ventilation Design Considerations**

Andy Shapiro, Energy Balance, Inc.

Consider important design principles for balanced ventilation systems in small commercial and multifamily applications. Mr. Shapiro and panelists bring a wealth of experience about schematic design, control strategies, case studies, and lessons learned. Find out about the distinction between heat recovery and energy recovery ventilation systems and their proper applications.

#### Kitchens Illuminated—Specifications & Fixture Schedules

Peter Romaniello, LC, Conceptual Lighting, LLC

Mr. Romaniello will use the kitchen lighting model in the exhibit area to help participants develop performance specifications and good lighting designs using energy-efficient fixtures. Attendees will develop their own fixture schedules and a set of fixture specifications for future bid or shopping purposes. *This session will be repeated at 11:00 am on Thursday.* 

## Taking Control— A Guide to Controlling, Dimming, and Daylighting

Donna Leban, AIA, Light/Space/Design

Lighting Designer Donna Leban will present a complete approach to controlling light. Using local examples of classrooms, offices, retail spaces, public spaces, warehouses, garages, homes, parking lots, and more, she will introduce the audience to the various types of lighting controls, and illustrate how to functionally integrate them into a project.

#### **Lighting Products Tour—Exhibitor Hall**

Peter Romaniello, LC, Conceptual Lighting, LLC

& Jeff Gephart, Efficiency Vermont

Participants will learn how, with a few simple specification guidelines and some creative lighting design, they can specify and incorporate high-performance lighting that will meet their clients' functional and aesthetic needs. A guided tour through the exhibit hall will identify light fixtures and techniques that can be easily implemented.

## From Green Buildings to Green Neighborhoods: Better Health, G Livability, and Bottom-Line

Bert Gregory, AIA, Mithun

Imagine a town full of high-performing buildings, all functioning efficiently and independently. Each owner has determined how best to make an economically viable and environmentally sensitive project. Now—by capitalizing on each building's individual strategies, and working synergistically—an entirely green neighborhood can be envisioned.

#### **LEEDing the Way to Sustainable Buildings**

Marc Cohen, AIA, CTG Energetics, Inc.

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System provides project teams with a tool to measure a project's environmental performance. Mr. Cohen, a project architect and LEED reviewer, will provide valuable information to help participants understand and navigate the LEED design, documentation and review process. LEED project case studies will highlight key program elements.

#### **Practical Applications for Spray-Applied Insulation**

Henri Fennell, FOAM-TECH & Bill Hulstrunk, National Fiber, Inc.

Every good wall system must include effective thermal insulation, an air barrier, and moisture management. Learn how spray-applied insulations, such as polyurethane foam and spray-applied cellulose, can meet these needs and create a high performance building shell. Hear from two seasoned professionals about the benefits, limitations, and appropriate applications for this innovative insulation approach.

#### DAY 2 - THURSDAY 2/10 - 9:00-10:30

#### **Surviving Mold**

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Terry Brennan, Camroden Associates The presence of mold can bankrupt a business. Learn what conditions support mold growth and how to prevent its occurrence. Explore health impacts, liability, insurance, testing, and worker safety. Determine when a mold problem can be safely addressed by occupants or by your crew, and when to call in the specialists.

#### **Effective Foundation Insulation Techniques** For New and Existing Buildings

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Joseph Lstiburek, Ph.D., P.Eng., Building Science Corporation While insulating foundations can reduce building heat loss, care must be taken to avoid creating new problems like dampness, frost, and mold. Understand how to recognize and repair moisture problems in new and existing concrete and rubble foundations. Discover why ventilation is not the solution to basement moisture problems. Foundation drainage will also be hazzunzih

DAY 2 - THURSDAY 2/10 - 11:00-12:30

#### Part 1, Sizing for Residential Heating and Cooling Equipment

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Rick Kara, ASHRAE, R.J Kara Associates

Hear why and how to correctly size a heating or cooling system. Learn the benefits of a properly sized system, including greater comfort, lower capital and operating costs, and less risk of call-backs. Mr. Karg will also explain basic principles of heating and cooling calculations, specifically the Manual J method.

#### Part 2, Sizing for Residential Heating and Cooling Equipment

Rick Karg, ASHRAE, RJ Karg Associates

**Lighting the LEED Way** 

Marc Cohen, AIA, CTG Energetics, Inc.

In this session, Part 2 of the residential heating and cooling system sizing series, participants will build from their introduction to Manual J software in Part 1, and perform sample sizing calculations. Mr. Karg will discuss equipment selection strategies to achieve sizing requirements and how to meet the need for appropriate distribution.

#### **Chiller Efficiency Optimization at Part Load**

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Vendor Representatives from Carrier, York, and Trane. Moderated by Amy K. C. Patenaude, P.E., LEED AP, Dufresne-Henry

Three vendor representatives from Carrier, York, and Trane will discuss optimal chiller and control strategies for new buildings, and present their companies' approaches to optimizing existing small-sized chiller systems. Individual talks by each presenter will be followed by a roundtable discussion between the audience and speakers.

#### **Light and Dark: The New Drugs**

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Naomi Miller, FIES, IALD, LC, Noami Miller Lighting Design The doctor is in! New research shows that both light and darkness can have profound effects on our health and bodies. Hear from one of the leading researchers on the subject as she presents her prescription for healthy lighting.

**Kitchens Illuminated—Key Aspects of Good Lighting** Peter Romaniello, LC, Conceptual Lighting, LLC Kitchens often account for the highest lighting use of any room in the home. Learn how to lay out and specify kitchen lighting that is attractive, effective, and energy efficient. This introductory level workshop will discuss design fundamentals and use a full-scale kitchen lighting model to demonstrate characteristics of good lighting design with energy-efficient fixtures.

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#### Kitchens Illuminated—Specifications & Fixture Schedules Peter Romaniello LC, Conceptual Lighting, LLC

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lighting design can substantially contribute to a project's LEED success. Presented from both a designer's and a US Green Building Council reviewer's perspective, this seminar will present strategies for development of environmentally conscious lighting systems with a focus on LEED compliance. **(3)** 

From light pollution to energy reduction to overall environmental quality,

#### Mr. Romaniello will use the kitchen lighting model to help participants develop performance specifications and good lighting designs using energy-efficient fixtures. Attendees will develop their own fixture schedules and a set of fixture specifications for future bid or shopping purposes. This is a repeat of the

#### **Eco-Charrettes: Means to Achieving Integrated Design and Sustainability**

Nathan Good, AIA, IIDA, Nathan Good, Architect

This is a repeat of the 10:20 am Wednesday Lighting session.

Eco-charrettes are intensive meetings that bring together owners, design professionals, contractors, and other decision makers early in the design process to create sustainable, high performance buildings. Mr. Good will use project examples to teach participants how to develop and facilitate these dynamic meetings.

#### **Increasing Profits with Whole-House Services**

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Mark Lorentzen, Performance Systems Development, Inc. & Richard Kornbluth, EnTherm, Inc.

Hear the real-world experiences of two whole-house contractors with different approaches in the private sector. Learn how Home Performance with ENERGY STAR® has expanded business opportunities and increased profits for these contractors by providing whole-house, home performance services.

#### **Building with Certified Wood Products**

1:20 pm Wednesday Lighting session.

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Ed Delhagen, Vermont Sustainable Jobs Fund & Richard Donovan, SmartWood

More architects, institutions and residential home owners are seeking certified wood to incorporate in their projects. Learn how leaders in the Green Building sector find and use certified wood products that support the local economy, obtain LEED points and improve their company's environmental performance.

#### **Marketing Strategies for Home Performance Services**

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Mark Lorentzen, Performance Systems Development, Inc. & Richard Kornbluth, EnTherm, Inc.

Learn from two successful home performance contractors the marketing techniques they employ to help homeowners understand, embrace, and pay for comprehensive, whole-house work scopes. Mr. Lorentzen and Mr. Kornbluth will present overviews of each of their businesses and share some of the "secrets" of their success.

#### DAY 2 - THURSDAY 2/10 - 1:45-3:15

#### **Advanced Framing and Envelope Design**

Joseph Lstiburek, Ph.D., P.Eng., Building Science Corporation

Come hear the latest updates on efficient wood framed construction. These techniques save materials, energy, and long-term costs, resulting in durable and comfortable buildings. Topics will include framing details, insulating sheathing, water management, and cladding systems.

#### **Whole-House Diagnostics**

David Keefe & Li Ling Young, Efficiency Vermont

This session will provide novice and intermediate level technicians with indepth illustrations of the benefits of home performance diagnostic tools. Learn how to set up and use a blower door, hear about pressure diagnostics with the Mad-Air house and see how other diagnostic tools can help solve problems in

#### DAY 2 - THURSDAY 2/10 - 3:30-5:00

#### Reports from the Field: Demonstrating **Advanced Framing and Envelope Design**

Joseph Lstiburek, Ph.D., P.Eng., Building Science Corporation & Chet Pasho, Homes with Integrity

Joe and Chet roll up their sleeves and demonstrate innovative framing and envelope construction techniques, complete with commentary on what approaches do and do not work well in real-life situations. Discussion will include framing details, insulating sheathing, shear strength, water management, and cladding systems.

#### **Air Supply and Venting of Combustion Appliances**

Skip Hayden, Advanced Combustion Technologies

Backdrafting of combustion appliances is a potentially fatal design flaw. Lack of adequate air supply and poor venting of exhaust can occur in new homes as well as old. Ensure your systems and installations are safe and efficient and that they meet or exceed minimum code requirements, whether for oil, gas, or wood-fueled appliances.

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#### **Advances in Residential Heating Technologies**

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Skip Hayden, Advanced Combustion Technologies

Learn about the latest advances of heating equipment and their advantages and disadvantages. Participants will learn about modulating outputs, dualheating and hot-water systems, and condensing furnace and boiler systems. Participants will also become familiar with a range of products incorporating the latest technological advances.

#### **Lighting Bloopers**

Naomi Miller, FIES, IALD, LC, Naomi Miller Lighting Design

Learn what to do, and what not to do, in commercial lighting design. Using real examples and case studies, join us for a light-hearted look at the unintended lighting consequences in a variety of lighting projects.



#### Case Study of a Net-Zero-Energy Home

Nathan Good, AIA, IIDA, Nathan Good, Architect

Learn firsthand about a net-zero-energy home on the Oregon Coast designed by Mr. Good. Features of the building include an ultra-high performance envelope, insulated concrete forms, daylighting, integrated design at a residential scale, over 75% Forest Stewardship Council (FSC)-certified wood, solar electric energy production, a vegetative roof, and many more.

#### A Simple Approach to High Performance Commercial Buildings @ G Indu, LEED AP, Efficiency Vermont

High Performance does not have to mean hours of additional design work and complex engineering. Simple steps can lead to high performance buildings. Learn about Vermont buildings that have used easy-to-apply approaches to optimize building systems, achieving 30% or more energy savings compared to ASHRAE 90.1-2001.

#### Keeping Vermont Green with the "Vermont Builds Greener" Homes Program

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Richard Faesy & Peter Schneider, Efficiency Vermont Environmental Building News called the Vermont Builds Greener (VBG) home certification program "the nation's most comprehensive-greenestresidential green building program yet." Examples of VGB-certified homes will show how to achieve certification, and why "built green means built well."

#### The Wind NRG Facility

Andy Shapiro, Energy Balance, Inc.

& Mary Jane Poynter, CEM, Efficiency Vermont

Hear about the many high performance features in the NRG building, and how they are performing. Highlights include: occupancy and daylight controlled lighting, radiant floor cooling, energy recovery ventilation, pond-water cooling source, advanced ventilation control, automatic night flushing, energy monitoring with an enhanced DDC system, PVs, wood-pellet boilers, and more.







# SPECIAL PRE-CONFERENCE WORKSHOP FOR ARCHITECTS AND DESIGN/BUILDERS

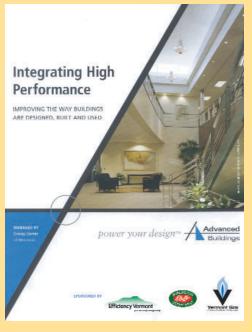
TUESDAY, FEBRUARY 8
9:00 am to 4:00 pm

#### **Integrating High Performance:**

Improving the Way Commercial Buildings are Designed, Built and Used Learn from Jeff Johnson, New Buildings Institute, and Abby Vogen, Energy Center of Wisconsin, about High Performance design, how it relates to LEED™ and ENERGY STAR® and how to integrate it cost-effectively into your very next project.

Register for both the High Performance Training and the Better Buildings by Design conference and receive a \$100 discount off the total cost. Registration fees cover lunch and all training materials, including the Advanced Building Benchmark,™ Advanced Building Benefits Guide,™ course materials binder, checklists and forms, and free access to webbased tools, resources and material.

For more information, visit www.efficiencyvermont.com



#### **PARTNERS & EXHIBITORS**

We are pleased to welcome these businesses and organizations and appreciate their continued support for this conference. Please visit their booths to see their products and services.

#### PREMIER PARTNERS









#### **PARTNERS**













Home Builders and Remodelers Association OF NORTHERN VT. INC.



Illuminating Engineers Society



Association





#### **EXHIBITORS**

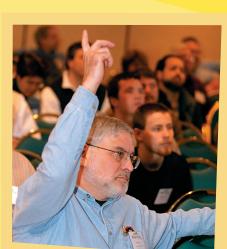
#### Gold:

A.W. Hastings **Gregory Supply Building Center** Murox **National Fiber New England Air Systems Panasonic** Trane **Vermont Energy Contracting & Supply** 

**Accurate Dorwin Company Energy Federation Incorporated Environmental Foam of Vermont** F.W. Webb Co. Guth Lighting/Charron, Inc. Holophane **Ingersoll Rand Security & Safety** Lightolier Memphremagog Heat Exchangers Nelson & Small, Inc. **New England Foam & Coating** 

#### **Bronze:**

Air King/Lasko **Building Performance Institute** Flynn-Reynolds Agency **Global Resource Options** Lymlight Sales McKernon Group **Smart Energy Thermotech Windows** U.S. HUD-Vermont State Office **Vermont Insulated Concrete Forms Vermont Fuel Dealers Association** 





## BETTER BUILDINGS BY DESIGN CONFERENCE 2005

Your registration to this two-day event held at the Sheraton Burlington includes: attendance at all sessions and workshops, entrance to exhibits and product demonstrations, evening reception, continental breakfasts, luncheons, refreshments at breaks and all conference materials. Register by February 1, 2005, and save \$25 per person!

#### **NEED A PLACE TO STAY?**

Accommodations are available at the Sheraton Burlington at a reduced rate of \$95.00 per room plus applicable taxes. Call 1-800-677-6576 by January 28, 2005 to reserve this rate. Be sure to mention Better Buildings By Design when making your reservations.

#### **REGISTER VIA:**

Mail: Better Buildings By Design 2005 Conference c/o Delaney Meeting & Event Management, One Main Street #36, Winooski, VT 05404

**Fax:** Complete this form and fax to 1-802-655-6098 (credit card orders only)

Online: Complete the form available at www.efficiencyvermont.com (credit card orders only)

#### **GROUP DISCOUNTS:**

Register together with 4 or more other people and save! Call 1-877-248-9900 to find out about this special discount. Register 4 people and get a fifth registration free!

REGISTRATION FORM One form per person (please feel free to photocopy).						
Name:						
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How did you hear	about the co	nference?				
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900+ ATTENDEES 45+ EXHIBITORS **40+ WORKSHOPS** 

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**CONFERENCE INFORMATION** 

Efficiency Vermont